

SQUARE MODEL

Unidirectional knife gate valve whose design depends on the customer's specific needs. Ideal for installations handling fluids loaded with solids in suspension at low pressure. Recommended for use in silo outlets (mining, cement industries, petrochemical industry, etc.).

The main features of the valve:

- Welded body design
- Installation between flanges
- Quadrangular or rectangular passage: enables a high flow capacity with low load loss.
- Gate with rounded edges prolongs the working life of the rings and packing.
- High flow rate with low pressure
- The design may be adapted easily to the customer's installation.

* Valves manufactured following European Pressure Equipment Directive PED 2014/68/EU.

VALVE FLANGES

Standard

According to Zubi Norm

* Other norms on request

SEAT

- Metal/metal
- Watertight

PRESSURES AND SIZES

Maximum working pressure -> 150×150 to 600×600 -> 1 bar

* Bigger sizes on request

* Higher pressure conditions, please check with manufacturer

MATERIALS

BODY

Steel and stainless steel (SS304L and SS316L)

SEAT

EPDM, NITRILE (NBR), SILICONE, VITON

KNIFE

SS304L, SS316L, SS316TI, HARDOX.

* Other alloys on request

PACKING

SYNT+PTFE, pure PTFE, GRAPHITE, CERAMIC

PACKING ORING

EPDM, NBR, SILICONE, VITON

ACTUATORS

Manual, pneumatic, hydraulic, electric, gear box, hand lever, square end, chain-wheel, pneumatic with security hand wheel, pneumatic with security gear box

ACCESSORIES

Limit switches, proximity sensors, solenoid valves, positioner 4/20mA, sleeves, locking devices, extension, regulation v-ports, cleaning holes, bonnet...etc.

SECTORS

Wastewater treatment plants, Power Plants, Food & Beverage Industry, Pulp & Paper industry, Mining, Chemical Industry, Bulk handling, etc...

